| Index | of Claims |
|-------|-----------|
|       |           |

| _ | Application No. | Applicant(s) |  |
|---|-----------------|--------------|--|
|   | 09/493,517      | FUCHS ET AL. |  |
|   | Examiner        | Art Unit     |  |
|   | Maikhanh Nguyen | 2176         |  |

| √ | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |  |
|---|--------------|--|
| ı | Interference |  |

| A | Appeal   |
|---|----------|
| O | Objected |

|          | aim       | Date     |        |          |        |          |          |        | 1 1           | Claim |     |            |          |          |           |          |           |           |          | Г        | Cla      | aim             | Date         |        |          |               |                  |          |       |          |           |           |          |
|----------|-----------|----------|--------|----------|--------|----------|----------|--------|---------------|-------|-----|------------|----------|----------|-----------|----------|-----------|-----------|----------|----------|----------|-----------------|--------------|--------|----------|---------------|------------------|----------|-------|----------|-----------|-----------|----------|
| L Cia    | airn<br>I | <u> </u> | _      |          | ᆠ      | Jate     | ;        | _      | _             |       |     | Claim Date |          |          |           |          |           |           |          |          |          | ⊦               | <u>Ula</u>   | aim _  |          | т-            |                  | Jale     | ;<br> | $\neg$   | $\neg$    | ᅴ         |          |
| Final    | Original  | 5/10/05  |        |          |        |          |          |        |               |       |     | Final      | Original |          | :         |          |           |           |          | į        |          |                 |              | Final  | Original |               |                  |          |       |          |           |           |          |
|          | 1         | V        |        |          |        |          |          |        |               |       |     |            | 51       |          | _         | $\neg$   | 十         | 7         | $\top$   | _        | $\neg$   | 1               | r            |        | 101      |               | 1                | Г        |       | _        | _         | 十         | $\neg$   |
|          | 2         | N        |        | $\neg$   |        |          | П        | $\neg$ | _             | _     |     |            | 52       |          | _         | $\dashv$ | 7         | 7         | $\top$   | +        | $\neg$   | 1               | $\vdash$     | $\neg$ | 102      |               | 十                |          |       | _        | $\dashv$  | 十         | $\dashv$ |
| 1        | 3         | N        |        |          |        |          |          |        |               |       |     |            | 53       |          | 7         |          | $\dashv$  | 寸         | 十        | $\dashv$ | $\top$   | ٦.,             | ·            |        | 103      | _             | T                |          |       | 1        | $\dashv$  | 十         | $\neg$   |
|          |           | īV       |        |          | T      |          |          |        |               |       |     |            | 54       |          | 7         | ヿ        | ヿ         | 7         | 十        | $\top$   | T        | ٦.              |              |        | 104      |               | T                | Т        |       | 7        | ヿ         | 十         | $\neg$   |
|          | 5         | V        |        | T        | 一      |          |          |        |               |       |     |            | 55       | П        | 寸         | 寸        | T         | T         | 十        | 十        | $\top$   | ,, <sup>,</sup> |              |        | 105      |               | $\top$           | $\vdash$ |       | _        | 寸         | 十         | ᆿ        |
|          | 6         | V        |        | $\neg$   |        |          |          |        |               |       |     |            | 56       |          | 7         | 1        | _         |           | $\top$   | 十        |          | ٦,              |              |        | 106      | $\top$        | T                | T        |       | $\dashv$ | ヿ         | $\dashv$  | $\dashv$ |
|          |           | V        | П      | T        | $\neg$ |          |          |        |               |       |     |            | 57       |          | ヿ         | 寸        | 寸         | 寸         | T        | す        | 十        | ٦٠              |              |        | 107      |               | 1                | 1        |       | 7        | 寸         | 寸         | $\neg$   |
|          | 8         | M        | $\Box$ | ヿ        | $\neg$ |          |          |        |               |       |     |            | 58       |          | 寸         | T        | T         | 寸         | T        | 寸        | T        | 7:              |              |        | 108      | $\dashv$      | T                |          |       | $\neg$   | 寸         | 寸         |          |
|          | 9         | V        | П      | 寸        | $\neg$ |          |          |        |               |       |     |            | 59       |          |           | ヿ        | 寸         | 寸         | $\neg$   | 十        | $\top$   | ┑.              |              |        | 109      | $\neg$        | T                | T        |       | 寸        | ヿ         | ヿ         | $\neg$   |
|          | 10        | V        |        | 一        |        |          |          |        |               |       | - 1 |            | 60       |          | 一         | ┪        | ╛         | ╛         | 寸        | 7        | $\dashv$ | ٦.              | Г            |        | 110      |               | 1                | T        |       | $\neg$   | ヿ         | ヿ         | П        |
| $\Box$   | 11        | V        |        | $\neg$   | $\neg$ |          |          |        |               |       |     |            | 61       |          | $\neg$    | $\neg$   | $\neg$    | ヿ         | 丁        | T        | _        |                 |              |        | 111      |               |                  |          |       |          | 寸         |           |          |
|          | 12        | V        |        |          |        |          |          |        |               |       |     |            | 62       |          |           | $\neg$   | $\neg$    |           |          |          |          | 7               |              |        | 112      |               |                  |          |       |          | T         | T         |          |
|          | 13        | 17       | П      | $\neg$   |        |          |          |        |               |       |     |            | 63       |          |           | $\neg$   | _         |           | $\neg$   | 7        |          | ٦.              |              |        | 113      |               | T                | Г        |       |          | ヿ         | ヿ         |          |
|          | 14        | ✓        | П      | 一        |        |          |          |        | $\overline{}$ |       |     |            | 64       |          | 一         | ┪        | ┪         | ╛         | ┪        | T        |          | 7               |              |        | 114      |               | T                |          |       |          | 寸         | ヿ         |          |
|          | 15        | V        |        | ┪        |        |          |          |        | -             |       | 1 1 |            | 65       | П        | T         | 1        | T         | ヿ         | 寸        | 1        |          | 7               | ╌            |        | 115      |               | T                |          |       |          |           | ヿ         |          |
|          | 16        | V        | П      | ヿ        |        |          |          |        |               |       |     |            | 66       |          |           | 7        |           | $\exists$ | 寸        | T        |          | ٦.              |              |        | 116      |               | T                |          |       |          |           | $\neg$    |          |
|          | 17        | V        | $\Box$ | $\neg$   |        |          |          |        |               |       |     |            | 67       |          |           | 7        | T         | $\dashv$  | 十        | 寸        | T        | - 1             |              |        | 117      |               | t                | Т        |       |          | ╅         | 一         | _        |
|          | 18        | V        | П      | $\dashv$ |        |          |          |        |               |       |     |            | 68       |          |           | _        | $\neg$    | _         | $\dashv$ | ヿ        | 十        | ٦.              |              |        | 118      |               | T                | T        |       | $\Box$   | 寸         | 寸         |          |
|          | 19        | V        |        | $\dashv$ |        | Ι-       | П        |        |               | -     |     |            | 69       | H        |           | $\dashv$ |           | $\neg$    | $\dashv$ | _        | $\neg$   | ر 1             | Г            |        | 119      |               | T                |          |       |          | 寸         | 7         |          |
|          | 20        | V        |        |          |        |          | Н        |        | _             |       |     | -          | 70       |          |           | 寸        | T         | T         | T        | 7        | 十        | 7               | Г            |        | 120      |               | 1                |          |       |          | ┪         | ヿ         | _        |
|          | 21        | V        | H      | $\neg$   |        | $\vdash$ | П        |        |               |       |     |            | 71       |          |           | 寸        | 寸         | $\neg$    | T        | ╅        | $\top$   |                 |              |        | 121      | $\neg$        | †                |          |       |          | $\exists$ | $\dashv$  |          |
|          | 22        | V        |        | $\neg$   | _      | $\vdash$ | Н        |        | $\vdash$      |       |     |            | 72       |          | $\neg$    | 寸        | ╛         |           | 十        | 7        | $\top$   | 70              |              | $\neg$ | 122      | $\neg \vdash$ | T                |          |       |          | 7         | $\neg$    |          |
|          | 23        | V        | H      | $\dashv$ |        | $\vdash$ | H        |        |               | _     | 7   |            | 73       | _        | $\neg$    | 寸        | $\neg$    |           | 1        | ┪        | $\top$   | ٦.              |              |        | 123      |               | †                |          | _     |          | $\dashv$  | ヿ         | _        |
|          | 24        | V        |        | 寸        |        |          |          | _      |               | -     |     |            | 74       |          |           | 寸        | $\neg$    |           | _        | 寸        | _        | ٦.              |              |        | 124      |               | T                | Т        |       |          | $\dashv$  | $\exists$ | _        |
| <b>—</b> | 25        | V        | Н      | 寸        |        | $\vdash$ |          |        |               |       | - 2 |            | 75       |          | $\exists$ | $\dashv$ | _         |           |          | 7        | _        | 1               | -            |        | 125      |               | T                |          |       |          | 寸         | 一         | _        |
|          | 26        | V        | Н      | $\neg$   | $\neg$ | $\vdash$ | $\vdash$ |        |               | _     |     |            | 76       | $\vdash$ | $\dashv$  | $\dashv$ | 寸         |           | $\dashv$ | _        | $\neg +$ | ٦.,             | _            |        | 126      | -             | $\top$           |          |       |          | $\dashv$  | $\dashv$  |          |
|          | 27        | V        | Н      | $\dashv$ |        |          |          |        |               |       |     |            | 77       | $\vdash$ | $\dashv$  | 寸        | ┪         |           | 7        | 寸        |          | ٦,              | -            |        | 127      |               | t                | t        |       |          | 寸         | 寸         |          |
|          | 28        | V        | П      | $\neg$   |        | Г        |          |        | _             | _     |     |            | 78       | Г        |           | _        | 7         |           | 7        | 7        | _        | ٦,              | .            |        | 128      |               | T                | T        |       |          | $\dashv$  | $\neg$    | _        |
| -        | 29        | V        |        | $\neg$   |        | Т        |          |        |               |       | 1   |            | 79       | _        | $\neg$    | $\dashv$ |           | $\neg$    | $\dashv$ | 十        | 十        | 7               |              |        | 129      |               | $\top$           |          | _     |          | _         | $\neg$    | _        |
|          | 30        | V        |        |          |        | $\vdash$ |          |        |               |       | 1   |            | 80       |          | $\neg$    | 寸        | ヿ         |           | 1        | 寸        | 十        | ٦.              | .            |        | 130      |               | $\top$           | 1        |       |          |           | 寸         |          |
|          | 31        | V        | П      |          |        |          |          |        |               |       |     |            | 81       |          |           | T        | ヿ         |           |          | T        | T        | 7.7             | Г            |        | 131      |               | 1                | T-       |       |          | $\neg$    | ヿ         |          |
|          | 32        | V        | П      |          |        |          |          |        |               | _     |     | -          | 82       |          |           | 寸        | ╛         | T         | T        | ┪        | $\neg$   | 7               | Г            |        | 132      |               | $\top$           | $\top$   |       |          | $\neg$    | T         | _        |
|          | 33        | V        |        |          | $\neg$ |          |          |        | $\Box$        |       |     |            | 83       |          | T         | 寸        | 寸         |           | 寸        | $\neg$   |          | 7               | Г            |        | 133      |               | $\dagger$        | 1        |       | П        | 寸         | T         | _        |
|          | 34        | V        |        | $\neg$   |        |          |          |        |               |       |     |            | 84       |          | $\Box$    | $\dashv$ | 寸         | 寸         | 寸        | ┪        | _        | ٦.              | 1            |        | 134      |               | 1                |          |       | П        | 寸         | $\neg$    |          |
|          | 35        | V        | П      |          |        | T        |          |        |               |       |     |            | 85       |          |           | $\neg$   | 7         |           | $\top$   | $\dashv$ | $\dashv$ | ٦.              | Γ            |        | 135      |               |                  | 1        |       | П        | $\dashv$  | $\neg$    |          |
|          | 36        |          | П      |          |        |          |          |        | -             |       | 1.0 |            | 86       |          |           | $\dashv$ | $\exists$ | 寸         | $\top$   | $\dashv$ | $\neg$   | 7               | Γ            |        | 136      |               | T                | Π        |       | $\Box$   | ヿ         | $\dashv$  |          |
|          | 37        |          | П      |          |        |          |          |        |               |       |     |            | 87       |          |           | $\dashv$ | $\dashv$  | T         | 寸        | $\dashv$ | $\dashv$ | ٦.              | Г            |        | 137      |               | T                | Т        |       |          | ヿ         | コ         |          |
|          | 38        | T        | П      |          |        |          |          |        |               |       | 1   |            | 88       |          |           | 寸        | 7         | ヿ         | 丁        | 7        | 1        | 7               | Г            |        | 138      |               | Τ                | Т        | Π     | $\Box$   | $\neg$    | ヿ         |          |
|          | 39        | Π        |        |          | $\neg$ |          |          |        |               |       | 1   |            | 89       | П        |           | $\neg$   | $\neg$    | T         | $\neg$   | ┪        | T        | ٦               | Г            |        | 139      |               |                  | Π        |       | П        | ヿ         | $\neg$    | _        |
|          | 40        |          |        |          |        |          |          |        |               |       | ]   |            | 90       |          |           | $\neg$   | $\exists$ | $\neg$    | $\neg$   | T        | T        | ]:"             | Г            |        | 140      |               |                  |          |       |          | ヿ         |           | _        |
|          | 41        |          |        |          |        |          |          |        |               |       | 1   |            | 91       |          |           | _        |           |           |          |          | 1        | 2               | Г            |        | 141      |               | T                |          |       |          | ヿ         | 丁         |          |
|          | 42        | П        | $\Box$ | $\neg$   |        |          |          |        |               |       | 1   |            | 92       | Γ        |           | $\dashv$ | $\neg$    | $\neg$    | $\neg$   | $\dashv$ | 1        | 7               |              |        | 142      |               | $\top$           | T        |       | П        | ヿ         | 寸         |          |
|          | 43        |          |        |          |        |          |          |        |               |       | ]   |            | 93       |          |           |          |           |           |          | _        |          | ١٠.             | Γ            |        | 143      |               |                  |          |       |          |           | 丁         | _        |
|          | 44        |          |        |          |        |          |          |        |               |       | ]   |            | 94       |          |           |          | J         |           |          |          | $\Box$   | ].              | $\cdot \Box$ |        | 144      |               | $\mathbf{I}^{-}$ |          |       |          |           | J         |          |
|          | 45        |          |        |          |        |          |          |        |               |       | ].  |            | 95       |          |           |          | J         |           |          | J        | $\Box$   |                 | Γ            |        | 145      |               | Ι                |          |       |          | $\Box$    | $\Box$    | _        |
|          | 46        |          |        |          |        |          |          |        |               |       |     |            | 96       |          |           |          | J         |           |          |          |          | ,               | Г            |        | 146      |               | Ι                |          |       |          | $\Box$    |           | _        |
|          | 47        |          | Πİ     |          |        |          |          |        |               |       |     |            | 97       |          |           | $\neg$   | $\neg$    | $\neg$    | $\neg$   | $\neg$   | $\neg$   | ٦               | Γ            |        | 147      |               | T                |          |       | $\Box$   | $\neg$    | 丁         |          |
|          | 48        |          |        |          |        |          |          |        |               |       |     |            | 98       |          |           | $\Box$   |           |           | ╗        |          |          | ].              | Γ            |        | 148      |               |                  |          |       |          |           | $\Box$    |          |
|          | 49        |          |        |          |        |          |          |        |               |       | ]   |            | 99       |          |           | T        | $\Box$    |           | Т        | J        | Ι        |                 |              |        | 149      |               | Γ                |          |       |          | $\Box$    |           |          |
|          | 50        |          | П      |          |        |          |          |        |               |       | ]   |            | 100      |          |           | $\neg$   |           | コ         | $\neg$   | Т        | T        | 7               | Г            |        | 150      |               | Т                | Г        | Π     |          | $\neg$    | П         |          |